



SHEET 1 OF 2

FORM PTO-1 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2060-96	SERIAL NO. 10/830,166
	APPLICANT FRENCH et al.	
	FILING DATE April 21, 2004	GROUP ART 2855

U.S. PATENT DOCUMENTS


*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	5,420,424	5/30/1995	Camahan, et al.	250	287	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

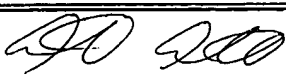
OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

1	2	Barnett et al.; "Determination of Parts-per-Trillion Levels of Chlorate, Bromate, and Iodate by Electrospray Ionization/High-Field Asymmetric Waveform Ion Mobility Spectrometry/Mass Spectrometry"; <i>Applied Spectroscopy</i> ; (1999) Vol. 53, No. 11; pp. 1367-1374
	3	Camahan et al.; "Development and Applications of a Transverse Field Compensation Ion Mobility Spectrometer"; <i>Mines Safety Appliances Company</i> ; (date unknown) 20 pp.
	4	Camahan et al.; "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis"; <i>ISA</i> ; (1996) Paper #96-009; pp. 87-96
	5	Carter et al.; "Emergence of Real Casualties During Simulated Chemical Warfare Training Under High Heat Conditions"; <i>Military Medicine</i> ; (December 1985) Vol. 150, No. 12; pp. 657-663
	6	Cole; "Heat Stroke During Training with Nuclear, Biological, and Chemical Protective Clothing: Case Report"; <i>Military Medicine</i> ; (July 1983) Vol. 148; pp. 624-625
	7	DeVol et al.; "Isotopic Analysis of Plutonium Using a Combination of Alpha and Internal Conversion Electron Spectroscopy"; <i>Journal of Radioanalytical and Nuclear Chemistry</i> ; (2002) Vol. 254, No. 1; pp. 71-79

EXAMINER 	DATE CONSIDERED 8-4-05
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 2060-96	SERIAL NO. 10/830,166
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	FILING DATE April 21, 2004	GROUP ART 2855

8	DeVol et al.; "Extractive Scintillating Resin for ⁹⁹ Tc Quantification in Aqueous Solutions" <i>Journal of Radioanalytical and Nuclear Chemistry</i> , (2001) Vol. 249, No. 1; pp. 181-189
9	Guevremont et al.; "Atmospheric Pressure Ion Focusing in a High-Field Asymmetric Waveform Ion Mobility Spectrometer"; <i>Review of Scientific Instruments</i> ; (February 1999) Vol. 70, No. 2; pp. 1370-1383
10	Guevremont et al.; "High Field Asymmetric Waveform Ion Mobility Spectrometry-Mass Spectrometry: An Investigation of Leucine Enkephalin Ions Produced by Electrospray Ionization"; <i>American Society for Mass Spectrometry</i> ; (1999) Vol. 10; pp. 492-501
11	Guevremont et al.; "Ion Trapping at Atmospheric Pressure (760 Torr) and Room Temperature with a High-Field Asymmetric Waveform Ion Mobility Spectrometer"; <i>Elsevier Science, International Journal of Mass Spectrometry</i> ; (1999) Vol. 193; pp. 45-56
12	Hughes et al.; "On-line Gross Alpha Radiation Monitoring of Natural Waters with Extractive Scintillating Resins" <i>Elsevier Science, Nuclear Instruments and Methods in Physics Research, Section A</i> , (2003) 505; pp. 435-438
13	Matthew et al.; "Integration of a Heat Strain Prediction Model with Army Weather Data Resources"; <i>U.S. Army Research Institute of Environmental Medicine</i> , (date unknown) pp. 479-485
14	Matthew et al.; "Integration of Weather Effects Models with Real-Time Physiological Measurements in the Dismounted Infantry Battlespace"; <i>U.S. Army Research Institute of Environmental Medicine</i> ; (date unknown) pp. 653-660
15	Miller et al.; "A MEMS Radio-Frequency Ion Mobility Spectrometer for Chemical Vapor Detection"; <i>Elsevier Science, Sensors and Actuators, Section A</i> ; (2001) 91; pp. 307-318
16	Purves et al.; "Electrospray Ionization High-Field Asymmetric Waveform Ion Mobility Spectrometry - Mass Spectrometry"; <i>Analytical Chemistry</i> ; (July 1, 1999) Vol. 71; pp. 2346-2357
17	Purves et al.; "Mass Spectrometric Characterization of a High-Field Asymmetric Waveform Ion Mobility Spectrometer"; <i>Review of Scientific Instruments</i> ; (December 1998) Vol. 69, No. 12; pp. 4094-4105
18	Santee et al.; "Effects of Meteorological Parameters on Adequate Evaluation of the Thermal Environment"; <i>J. Therm. Biol.</i> ; (1994) Vol. 19, No. 3; pp. 187-198
19	Stauffer et al.; "A Field-Coherence Technique for Meteorological Field-Program Design for Air Quality Studies. Part I: Description and Interpretation"; <i>Journal of Applied Meteorology</i> , (March 2000) Vol. 39; pp. 297-316
20	Stauffer et al.; "Multiscale Four-Dimensional Data Assimilation"; <i>Journal of Applied Meteorology</i> ; (March 1994) Vol. 33, pp. 416-434
21	Tanrikulu et al.; "A Field-Coherence Technique for Meteorological Field-Program Design for Air Quality Studies. Part II: Evaluation in the San Joaquin Valley"; <i>Journal of Applied Meteorology</i> , (March 2000) Vol. 39, pp. 317-334

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete If Known	
				Application Number	10/830,168
				Filing Date	April 21, 2004
				First Named Inventor	FRENCH, Patrick
				Art Unit	2855
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	2060-86

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RA	1.	US-6,097,703	08-01-2000	Larsen et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ²	Number ²	Kind Code ² (if known)				

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Examiner Initials*	Cite No. ¹	

Examiner Signature		Date Considered	8-5-05
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	1	Award/Contract No. DAMD17-00-C-0010; Issued by U.S. Army Medical Research Acquisition Activity, Director, 820 Chandler Street, Fort Detrick, MD 21702-5014; Contractor: Martin J. Mastroianni, VP, Technology Programs, ADA Technologies, Inc., 304 Inverness Way South, Suite 365, Englewood, CO 80112, December 17, 1999; 36 pp.
	2	Technical Abstract - SBIR Phase II Project; 2000; 1 p
	3	Weather Station Phase I Published Abstract; 2000; 1 p

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4/21/04

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	FILING DATE Herewith	GROUP ART

U.S. PATENT DOCUMENTS

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<i>JS</i>	1.	4,360,345	11/23/82	Hon	434	262	
	2.	4,530,069	07/16/85	Desrochers	364	900	
	3.	4,654,818	03/31/87	Wetterau, Jr.	364	900	
	4.	4,695,955	09/22/87	Faisandier	364	413	
	5.	4,715,385	12/29/87	Cudahy et al.	128	710	
	6.	4,730,247	03/08/88	Takahara	364	560	
	7.	4,758,963	07/19/88	Gordon et al.	364	481	
	8.	4,811,249	03/07/89	Marsh	364	550	
	9.	4,885,707	12/05/89	Nichol et al.	364	551.01	
	10.	4,895,161	01/23/90	Cudahy et al.	128	710	
	11.	4,916,441	04/10/90	Gombrich	340	712	
	12.	4,924,418	05/08/90	Bachman et al.	364	550	
	13.	5,008,843	04/16/91	Poelsler et al.	364	571.02	
	14.	5,089,979	02/18/92	McEachern et al.	364	571.04	
	15.	5,099,437	03/24/92	Weber	364	550	
	16.	5,202,817	04/13/93	Koenck et al.	361	393	
	17.	5,206,818	04/27/93	Speranza	364	550	
	18.	5,225,996	07/06/93	Weber	364	550	
	19.	5,227,988	07/13/93	Sasaki et al.	364	709.01	
<i>JS</i>	20.	5,249,863	10/05/93	Brown	374	102	
	21.	5,347,476	09/13/94	McBean, Sr.	364	571.04	

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22.	5,375,604	12/27/94	Kelly et al.	128	671	
23.	5,526,287	06/11/96	French	364	550	
24.	5,839,094	11/17/98	French	702	091	

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							YES	NO
25.	WO 96/01411	01/18/96	PCT	G01B	21/00	X		

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26.	Omegg Engineering Sales Literature for Portable dataloggers, pp. F-83 to F-90 & F-97, 1991.					
27.	Sales literature, Rustrak Ranger II Data Logger, July 1990.					
28.	Sales literature, Philip Harris, 1992.					
29.	DOE Abstract for DOE Grant No. DE-FG02-93ER81585, November 1992.					
30.	Sales literature, Texas Instruments, January 1994.					
31.	Sales literature, Micro Data Logger, 1993.					
32.	ADA Technologies, Inc., "Abstracts," Vol. XIII, No. 1 (Spring 2003), pp. 1-6.					
33.	"Meteorological Instrumentation," Environmental Protection (printed 4/20/04), available at http://www.eponline.com/Stevens/EPPub.nsf/ProductView2?OpenForm&category=Meteo... , pp. 1-3.					
34.	Climatronics Corporation Sales Literature, "TACMET II Weather Sensor (EMI), 102304," (Mar. 18, 2003), 2 pages.					

EXAMINER <i>JD</i>	DATE CONSIDERED 8-5-05
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